

**Debris Removal in General:**

- Government debris removal has been active only 11 days in April (as of 4/25)
- No debris removal activity from April 1 – 8
- Active removals April 10 – 18 (8 days)
- No debris removal activities from April 19 – April 22
- Active removals April 23-25 (3 days)

**Project Totals as 4/23/19:**

- 11485 sites registered for the government debris removal project
- 790 sites not eligible or withdrawn from program (Alternative Program)
- 8683 site assessments completed
- 6505 asbestos surveys completed
- 2784 sites have bulk asbestos containing material needing removal
- 1514 sites have completed asbestos abatement
- 1307 sites have completed debris removal
- 461 soil sample results approved for clearance
- 135 site have been approved by County for redevelopment

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APR 24 2019

**Butte County AQMD****Metals in general:**

- Asbestos and 6 metals will be posted on public viewer (arsenic, cadmium, copper, lead, nickel, zinc)
- All Title 22 metals will be included in reports once community based data start arriving
- Metals detected in soil samples prior to clearance are overwhelmingly arsenic, lead, cadmium, and cobalt; may not all be coming from ash since some detects were from under the slab foundations
- Analytical ash data should be back from lab in ~ 1 week
- We may adjust what airborne metals are sampled for in community and fixed facility locations based on ash and soil results to best reflect what may be in the air from the fire debris

**Fixed Facility Monitoring Updates:**

- Metals, asbestos, and PM monitoring since end of March
- Coding difficulties in getting interface to post metals and asbestos data, but hoping to see it live on the site on April 25
- Odin Construction is complaining about visible dust coming onsite from metal fabrication plant directly to the east of their facility; I will look at the detailed PM data to see if there were any excursions, but visible dust is often a problem from neighboring industries

**Community Monitoring Updates:**

- Sampling for metals and asbestos up to mid-March using occupational standards
- Report at March Governing Board meeting indicated no concerns regarding metals at that time and no positive asbestos samples
- That equipment was demobilized and new equipment ordered to accommodate the much lower levels of sensitivity needed for the public screening levels for both metals and asbestos
- Equipment arrived week of April 15 and air monitoring crews were setting up in the Chico lab to run QA/QC

**Agenda Item No. 7**

- Special platforms had to be built for new monitors; delivered on April 16 [see picture]
- New sensitive equipment required a dedicated meteorological station; set up on roof of Thomas Ace Hardware on April 17 [see picture]
- New equipment deployed Tuesday April 23 to community locations where there is dedicated power supply
- First data expected to be posted on public viewer in approx. 2 ½ weeks (10 days for shipping and lab analysis; 1 wk for QA/QC)
- Dust complaint on April 11 was from a County Alternate Program operation
- Excursions seen at Fire Station 35 resulted from their use of outdoor fireplace and from vegetation slash pile burns nearby
- Air monitoring crews saw resident using leaf blower clearing ash on property Friday, April 19
- Any unusual activity such as these will be noted as possible for reports to BCAQMD to help with source definition
- Community locations hosting the samplers will start getting PM reports this week and reports including asbestos and metals in a couple of week
- To answer concerns about defining source terms, report templates have been modified based on BCAQMD Governing Board suggestions at March meeting, and will now include a visual location of closest government-sponsored debris removal (with 0.5 miles) as well as day and time when excess PM values were noted.

#### **Special Monitoring: School Asbestos Abatement**

- Special arrays of perimeter monitor were deployed at Paradise Elementary School during asbestos abatement that started March 29 [2 pictures attached]
- A special array of monitors will also be deployed at Ponderosa Elementary School when asbestos abatement starts
- I can make a special report on those results and school monitoring for next meeting



Asbestos Monitor 1

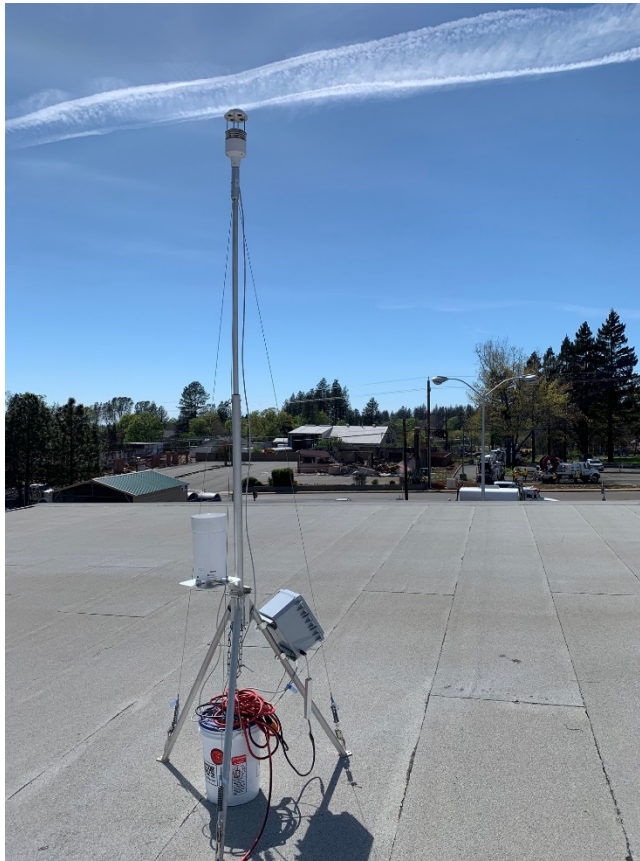


Asbestos Monitor 2





Met Station at Ace Hardware



Platforms

